

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	8	(manager with (topolog\$5) with (event near2 (notice or notification))).clm.	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2008/10/01 04:35
L2	2	(manager with (hierarch\$6) with (event near2 (notice or notification))).clm.	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2008/10/01 05:06
S1	36	@ay<"2001" and ("storage area network" or SAN).ti. not (IBM or "international business machines").as.	US-PGPUB; USPAT	OR	ON	2005/09/29 11:02
S2	1	@ay<"2001" and ("storage area network" or SAN).ti. and ((refresh or update) with (network or component or layout or topology or hierarch \$9)) not (IBM or "international business machines").as.	US-PGPUB; USPAT	OR	ON	2004/12/22 17:47
S3	374	@ay<"2001" and ("storage area network" or SAN) and ((refresh or update) with (network or component or layout or topology or hierarch \$9)) and agent not (IBM or "international business machines").as.	US-PGPUB; USPAT	OR	ON	2004/12/22 17:47
S4	1599	@ay<"2001" and ("storage area network" or SAN) and ((refresh or update) with (network or component or layout or topology or hierarch \$9)) not (IBM or "international business machines").as.	US-PGPUB; USPAT	OR	ON	2004/12/22 17:47
S5	9	@ay<"2001" and ("storage area network" or SAN) and ((refresh or update) with (network or component or layout or topology or hierarch \$9)) and (agent with asynchron \$9) not (IBM or "international business machines").as.	US-PGPUB; USPAT	OR	ON	2004/12/22 19:39
S6	0	@ay<"2001" and ("storage area network" or SAN).ti. and ((refresh or update) with (network or component or layout or topology or hierarch \$9)) and (agent with asynchron \$9) not (IBM or "international business machines").as.	US-PGPUB; USPAT	OR	ON	2004/12/22 19:46

S7	1	@ay<"2001" and ("storage area network" or SAN).ti. and ((refresh or update) with (network or component or layout or topology or hierarch \$9)) not (IBM or "international business machines").as.	US-PGPUB; USPAT	OR	ON	2004/12/22 20:04
S8	1	@ay<"2001" and ("storage area network" or SAN).ti. and ((refresh or update or rebuild) with (network or component or layout or topology or hierarch \$9)) not (IBM or "international business machines").as.	US-PGPUB; USPAT	OR	ON	2004/12/22 20:07
S9	2	@ay<"2001" and ("storage area network" or SAN).ti. and ((refresh\$5 or updat\$5 or rebuild\$5 or revis\$7 ) with (network or component or layout or topology or hierarch \$9)) not (IBM or "international business machines").as.	US-PGPUB; USPAT	OR	ON	2004/12/22 20:11
S10	2	@ay<"2001" and ("storage area network" or SAN).ti. and ((refresh\$5 or updat\$5 or rebuild\$5 or revis\$7 ) with (network or component or layout or topology or hierarch \$9 or layout)) not (IBM or "international business machines").as.	US-PGPUB; USPAT	OR	ON	2004/12/22 20:08
S11	13039	@ay<"2001" and (707/1,10. ccls. or 709/216,217,218,219. ccls.) ("storage area network" or SAN) and ((refresh\$5 or updat\$5 or rebuild\$5 or revis \$7 ) with (network or component or layout or topology or hierarch\$9)) not (IBM or "international business machines").as.	US-PGPUB; USPAT	OR	ON	2004/12/22 20:12
S12	13164	@ay<"2001" and (707/1,10. ccls. or 709/216,217,218,219. ccls.) ("storage area network" or SAN) and ((refresh\$5 or updat\$5 or rebuild\$5 or revis \$7 ) with (network or component or layout or topology or hierarch\$9)) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/22 20:13

S13	7503	@ay<"2001" and (707/1,10.ccls. or 709/216,217,218,219.ccls.) ("storage area network" or SAN).ti. and ((refresh\$5 or updat\$5 or rebuild\$5 or revis\$7 ) with (network or component or layout or topology or hierarch\$9)) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/22 20:13
S14	1	@ay<"2001" and (707/1,10.ccls. or 709/216,217,218,219.ccls.) and ("storage area network" or SAN).ti. and ((refresh\$5 or updat\$5 or rebuild\$5 or revis\$7 ) with (network or component or layout or topology or hierarch\$9)) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/22 20:13
S15	265	@ay<"2001" and (707/1,10.ccls. or 709/216,217,218,219.ccls.) and ("storage area network" or SAN) and ((refresh\$5 or updat\$5 or rebuild\$5 or revis\$7 ) with (network or component or layout or topology or hierarch\$9)) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/22 20:21
S16	84	@ay<"2001" and (707/1,10.ccls. or 709/216,217,218,219.ccls.) and ("storage area network" or SAN) and ((refresh\$5 or updat\$5 or rebuild\$5 or revis\$7 ) with (network or component or layout or topology or hierarch\$9)) and agent not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/22 20:22
S17	84	@ay<"2001" and (707/1,10.ccls. or 709/216,217,218,219.ccls.) and ("storage area network" or SAN) and ((refresh\$5 or updat\$5 or rescan\$5 or reevaluat\$5 or rebuild\$5 or revis\$7 ) with (network or component or layout or topology or hierarch\$9)) and agent not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/22 20:22

S18	91	@ay<"2001" and (707/1,10. ccls. or 709/216,217,218,219. ccls.) and ("storage area network" or SAN) and ((refresh \$5 or updat\$5 or rescan\$5 or reevaluat\$5 or rebuild\$5 or revis \$7 ) with (network or nodes or component or layout or topology or hierarch\$9)) and agent not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/22 20:23
S19	22	@ay<"2001" and (707/1,10. ccls. or 709/216,217,218,219. ccls.) and ("storage area network" or SAN) and ((refresh \$5 or updat\$5 or rescan\$5 or reevaluat\$5 or rebuild\$5 or revis \$7 ) with (network or nodes or component or layout or topology or hierarch\$9)) and ((stor\$4 or sav\$4 or writ\$4) with (topology or layout or hierarch\$9)) and agent not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/22 20:26
S20	91	@ay<"2001" and (707/1,10. ccls. or 709/216,217,218,219. ccls.) and ("storage area network" or SAN) and ((refresh \$5 or updat\$5 or rescan\$5 or reevaluat\$5 or rebuild\$5 or revis \$7 ) with (network or nodes or component or layout or topology or hierarch\$9)) and ((twice or two or second or multiple or numerous or plurality) or (stor\$4 or sav\$4 or writ\$4) with (topology or layout or hierarch\$9)) and agent not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/22 20:24
S21	4	@ay<"2001" and (707/1,10. ccls. or 709/216,217,218,219. ccls.) and ("storage area network" or SAN) and ((refresh \$5 or updat\$5 or rescan\$5 or reevaluat\$5 or rebuild\$5 or revis \$7 ) with (network or nodes or component or layout or topology or hierarch\$9)) and ((twice or two or second or multiple or numerous or plurality) with (stor\$4 or sav\$4 or writ\$4) with (topology or layout or hierarch\$9)) and agent not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/22 20:26

S22	0	@ay<"2001" and (707/1,10. ccls. or 709/216,217,218,219. ccls.) and ("storage area network") and ((refresh\$5 or updat\$5 or rescan\$5 or reevaluat\$5 or rebuild\$5 or revis\$7 ) with (network or nodes or component or layout or topology or hierarch\$9)) and ((twice or two or second or multiple or numerous or plurality) with (stor\$4 or sav\$4 or writ\$4) with (topology or layout or hierarch\$9)) and agent not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/22 20:26
S23	1	@ay<"2001" and (707/1,10. ccls. or 709/216,217,218,219. ccls.) and ("storage area network") and ((refresh\$5 or updat\$5 or rescan\$5 or reevaluat\$5 or rebuild\$5 or revis\$7 ) with (network or nodes or component or layout or topology or hierarch\$9)) and ((stor\$4 or sav\$4 or writ\$4) with (topology or layout or hierarch\$9)) and agent not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/22 21:35
S24	191	@ay<"2001" and ("storage area network" or SAN).ti. not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/22 20:32
S25	3	@ay<"2001" and ("storage area network" or SAN).ti. and ((plural\$9 or multiple or number or numerous or two or twice or second) with (store or save or write or written or storing or saving) with (topo\$8 or hierarch\$9 or layout or graph or nodes)) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/22 20:36
S26	2	@ay<"2001" and ("storage area network" or SAN).ti. and ((plural\$9 or multiple or number or numerous or two or twice or second) with (store or save or write or written or storing or saving) near3 (topo\$8 or hierarch\$9 or layout or graph or nodes)) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/22 20:41

S27	3	@ay<"2001" and ("storage area network" or SAN).ti. and ((plural\$9 or multiple or number or numerous or two or twice or second) with (store or save or write or written or storing or saving) near3 (topo\$8 or hierarch\$9 or layout or graph or location)) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/22 20:55
S28	3	@ay<"2001" and ("storage area network" or SAN).ti. and ((plural\$9 or multiple or number or numerous or two or twice or second or reference or backup or "back-up") with (store or save or write or written or storing or saving) near3 (topo\$8 or hierarch\$9 or layout or graph or location)) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/22 21:00
S29	3	@ay<"2001" and ("storage area network" or SAN).ti. and ((plural\$9 or multiple or number or numerous or two or twice or second or reference or backup or "back-up") with (store or save or write or written or storing or saving or copy) near3 (topo\$8 or hierarch\$9 or layout or graph or location)) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/22 21:13
S30	5	@ay<"2001" and ("storage area network" or SAN).ti. and ((plural\$9 or multiple or number or numerous or two or twice or second or reference or backup or "back-up") with (store or save or write or written or storing or saving or copy) with (scan\$5 or topo\$8 or hierarch\$9 or layout or graph or location)) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/22 21:18

S31	3	@ay<"2001" and ("storage area network").ti. and ((plural \$9 or multiple or number or numerous or two or twice or second or reference or backup or "back-up") with (store or save or write or written or storing or saving or copy) with (scan\$5 or topo\$8 or hierarch \$9 or layout or graph or location)) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/22 21:34
S32	2	@ay<"2001" and ("storage area network").ti. and ((plural \$9 or multiple or numerous or two or twice or second or reference or backup or "back-up") with (store or save or write or written or storing or saving or copy) with (scan\$5 or topo\$8 or hierarch\$9 or layout or graph or location)) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/22 21:41
S33	1	@ay<"2001" and (707/1,10. ccls. or 709/216,217,218,219. ccls.) and ("storage area network").ti. and ((plural\$9 or multiple or numerous or two or twice or second or reference or backup or "back-up") with (store or save or write or written or storing or saving or copy) with (scan\$5 or topo\$8 or hierarch\$9 or layout or graph or location)) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/22 21:41
S34	1	@ay<"2001" and (707/1,10. ccls. or 709/216,217,218,219. ccls.) and ("storage area network").ti. and ((plural\$9 or multiple or numerous or two or twice or second or reference or backup or "back-up") with (compar\$9 or store or save or write or written or storing or saving or copy) with (scan\$5 or topo\$8 or hierarch\$9 or layout or graph or location)) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/22 21:41

S35	2	@ay<"2001" and ("storage area network").ti. and ((plural \$9 or multiple or numerous or two or twice or second or reference or backup or "back-up") with (compar\$9 or store or save or write or written or storing or saving or copy) with (scan\$5 or topo\$8 or hierarch \$9 or layout or graph or location)) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/23 20:26
S36	1	@ay<"2001" and ("storage area network" or SAN).ti. and ((compar\$9 or query or queri\$4 or retriev\$4 or obtain\$4 or maintain\$4 or synchroniz\$7 or scan\$4) with (hierarch\$9 or topo\$9 or ((device or node or network) with (graph or image or layout)))) not (IBM or "international business machines").as.	US-PGPUB; USPAT	OR	ON	2004/12/23 20:32
S37	0	@ay<"2001" and ("storage area network" or SAN).ti. and ((multiple or numerous or plural \$4 or many or two or twice or secondary or slave or multitude or dual) with (compar\$9 or query or queri\$4 or retriev\$4 or obtain\$4 or maintain\$4 or synchroniz\$7 or scan\$4) with (hierarch\$9 or topo\$9 or ((device or node or network) with (graph or image or layout)))) not (IBM or "international business machines").as.	US-PGPUB; USPAT	OR	ON	2004/12/23 20:34
S38	47	@ay<"2001" and "709".clas. and ("storage area network" or SAN) and ((multiple or numerous or plural\$4 or many or two or twice or secondary or slave or multitude or dual) with (compar\$9 or query or queri\$4 or retriev\$4 or obtain\$4 or maintain\$4 or synchroniz\$7 or scan\$4) with (hierarch\$9 or topo\$9 or ((device or node or network) with (graph or image or layout)))) not (IBM or "international business machines").as.	US-PGPUB; USPAT	OR	ON	2004/12/23 20:35



S39	0	@ay<"2001" and "709".clas. and ("storage area network") and ((multiple or numerous or plural\$4 or many or two or twice or secondary or slave or multitude or dual) with (compar\$9 or query or queri\$4 or retriev\$4 or obtain\$4 or maintain\$4 or synchroniz\$7 or scan\$4) with (hierarch\$9 or topo\$9 or ((device or node or network) with (graph or image or layout)))) not (IBM or "international business machines").as.	US-PGPUB; USPAT	OR	ON	2004/12/23 20:35
S40	432	@ay<"2001" and "709".clas. and ("storage area network" or SAN) and ((multiple or numerous or plural\$4 or many or two or twice or secondary or slave or multitude or backup or "back-up" or synchroniz\$4 or dual) with (hierarch\$9 or topo\$9 or ((device or node or network) with (graph or image or layout)))) not (IBM or "international business machines").as.	US-PGPUB; USPAT	OR	ON	2004/12/23 20:36
S41	1	@ay<"2001" and ("storage area network" or SAN).ti. and ((multiple or numerous or plural\$4 or many or two or twice or secondary or slave or multitude or backup or "back-up" or synchroniz\$4 or dual) with (hierarch\$9 or topo\$9 or ((device or node or network) with (graph or image or layout)))) not (IBM or "international business machines").as.	US-PGPUB; USPAT	OR	ON	2004/12/23 20:39
S42	1	@ay<"2001" and ("storage area network" or SAN).ti. and ((backup or "back-up" or synchroniz\$4 or dual) with (hierarch\$9 or topo\$9 or ((device or node or network) with (graph or image or layout)))) not (IBM or "international business machines").as.	US-PGPUB; USPAT	OR	ON	2004/12/23 20:39

S43	0	@ay<"2001" and ("storage area network" or SAN).ti. and ((stor\$4 or sav\$4 or copy\$3 or copies or maintain\$4 or keep\$4 or preserv\$9) with (copy or copies or redundan\$5 or backup or "back-up" or synchroniz\$4) with (hierarch\$9 or topo\$9 or ((device or node or network) with (graph or image or layout)))) not (IBM or "international business machines").as.	US-PGPUB; USPAT	OR	ON	2004/12/23 20:42
S44	5	@ay<"2001" and ("storage area network" or SAN).ti. and ((stor\$4 or sav\$4 or copy\$3 or copies or maintain\$4 or keep\$4 or preserv\$9) with (copy or copies or redundan\$5 or backup or "back-up" or synchroniz\$4) with (hierarch\$9 or topo\$9 or network or ((device or node or network) with (graph or image or layout)))) not (IBM or "international business machines").as.	US-PGPUB; USPAT	OR	ON	2004/12/23 20:56
S45	2	@ay<"2001" and ("storage area network" or SAN).ti. and ((backup or "back-up" or "back up" or redund\$9 or second\$7 or slave) with network with (configuration or layout or topo\$9 or hierarch\$9 or graph or arrang\$9)) not (IBM or "international business machines").as.	US-PGPUB; USPAT	OR	ON	2004/12/23 20:58
S46	2	@ay<"2001" and ("storage area network" or SAN).ti. and ((backup or "back-up" or "back up" or redund\$9 or second\$7 or slave) with network with (configuration design or formation or layout or topo\$9 or hierarch\$9 or graph or arrang\$9)) not (IBM or "international business machines").as.	US-PGPUB; USPAT	OR	ON	2004/12/23 21:02
S47	2	@ay<"2001" and ("storage area network" or SAN).ti. and ((backup or "back-up" or "back up" or redund\$9 or second\$7 or slave) with network with (reconfig\$9 or configuration or design or formation or layout or topo\$9 or hierarch\$9 or graph or arrang\$9)) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/23 21:42

S48	2	@ay<"2001" and ("storage area network" or SAN).ti. and ((backup or "back-up" or "back up" or redund\$9 or second\$7 or slave) with network with (reconfig\$9 or configuration or design or formation or layout or topo\$9 or hierarch\$9 or graph or map or arrang\$9)) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/23 21:42
S49	2	@ay<"2001" and ("storage area network" or SAN).ti. and (("storage area network" or SAN) with (topology or layout or nodes) with (information or data or event)) not (IBM or "international business machines").as.	US-PGPUB; USPAT	OR	ON	2005/02/04 09:49
S50	1	@ay<"2001" and ("storage area network" or SAN).ti. and (("storage area network" or SAN) with (topology or layout or nodes) with (two or second) with (information or data or event)) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/04 09:53
S51	1	@ay<"2001" and ("storage area network" or SAN).ti. and (("storage area network" or SAN) with (topology or layout or nodes) with (two or second or another) with (information or data or event)) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/04 09:55
S52	14	@ay<"2001" and (("storage area network" or SAN) with (topology or layout or nodes) with (two or second or another) with (information or data or event)) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/04 09:57
S53	7	@ay<"2001" and (("storage area network" or SAN) with (topology or layout or nodes) with (two or second or another) with (information or data or event)) and ((filter\$5 or select \$7 or compar\$7) with ((SAN or node or element or device or "storage area network") adj2 (event or data or information))) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/04 10:28

S54	0	@ay<"2001" and ("707".clas. or "709".clas. or "711".clas. or "714".clas.) and (("storage area network" or SAN) with (topology or layout or nodes) with (two or second or another) with (information or data or event)) and ((filter\$5 or select \$7 or compar\$7) with ((SAN or node or element or device or "storage area network") adj2 (event or data or information))) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/04 10:30
S55	0	@ay<"2001" and ("707".clas. or "709".clas. or "711".clas. or "714".clas.) and (("storage area network" or SAN) with (topology or layout or nodes or map or image or graph or representation) with (two or second or another) with (information or data or event)) and ((filter\$5 or select\$7 or compar\$7) with ((SAN or node or element or device or "storage area network") adj2 (event or data or information))) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/04 10:34
S56	104	@ay<"2001" and ("707".clas. or "709".clas. or "711".clas. or "714".clas.) and ((topology or layout or nodes or map or image or graph or representation) with (two or second or another) with (filter \$5 or select\$7 or compar\$7) with ((SAN or node or element or device or "storage area network") adj2 (event or data or information))) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/04 10:35
S57	104	@ay<"2001" and ("707".clas. or "709".clas. or "711".clas. or "714".clas.) and ((topology or layout or nodes or map or image or graph or representation) with (two or second or another) with (filter \$5 or select\$7 or compar\$7) with ((SAN or node or element or device or "storage area network") adj2 (event or data or information))) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/04 10:36

S58	105	@ay<"2001" and ("707".clas. or "709".clas. or "711".clas. or "714".clas.) and ((topology or layout or nodes or map or image or graph) with (two or second or another) with (filter \$5 or select\$7 or compar\$7) with ((SAN or node or element or device or computer or "storage area network") adj2 (event or data or information))) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/04 10:37
S59	105	@ay<"2001" and ("707".clas. or "709".clas. or "711".clas. or "714".clas.) and ((topology or layout or nodes or map or image or graph) with (two or second or another) with (filter \$5 or select\$7 or compar\$7) with ((node or element or device or computer) adj2 (event or data or information))) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/04 10:37
S60	0	@ay<"2001" and ("storage area network") and ("707".clas. or "709".clas. or "711".clas. or "714".clas.) and ((topology or layout or nodes or map or image or graph) with (two or second or another) with (filter \$5 or select\$7 or compar\$7) with ((node or element or device or computer) adj2 (event or data or information))) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/04 10:40
S61	105	@ay<"2001" and ("707".clas. or "709".clas. or "711".clas. or "714".clas.) and ((topology or layout or nodes or map or image or graph) with (two or second or another) with (filter \$5 or select\$7 or compar\$7) with ((node or element or device or computer) adj2 (event or data or information))) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/04 10:40

S62	15	@ay<"2001" and ("707".clas. or "709".clas. or "711".clas. or "714".clas.) and ((topology or layout or map or image or graph) with (two or second or another) with (filter\$5 or select \$7 or compar\$7) with ((node or element or device or computer) adj2 (event or data or information))) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/04 11:04
S63	0	@ay<"2001" and ("707".clas. or "709".clas. or "711".clas. or "714".clas.) and (network with (topology or layout or map or image or graph) with (two or second or another) with (filter \$5 or select\$7 or compar\$7) with ((node or element or device or computer) adj2 (event or data or information))) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/04 10:42
S64	0	@ay<"2001" and ("707".clas. or "709".clas. or "711".clas. or "714".clas.) and (newtork with (topology or layout or map or image or graph) with (backup or recovery)) and (updat\$5 with event) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/04 11:16
S65	0	@ay<"2001" and ("707".clas. or "709".clas. or "711".clas. or "714".clas.) and (newtork with (topology or layout or map or image or graph) with (backup or recovery)) and (updat\$5 and event) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/04 11:11
S66	0	@ay<"2001" and ("707".clas. or "709".clas. or "711".clas. or "714".clas.) and (backup or recovery) and (newtork with (topology or layout or map or image or graph)) and (updat\$5 and event) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/04 11:15

S67	2660	@ay<"2001" and ("707".clas. or "709".clas. or "711".clas. or "714".clas.) and (backup or recovery) and (topology or layout or map or image or graph) and (updat\$5 and event) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/04 11:15
S68	480	@ay<"2001" and ("707".clas. or "709".clas. or "711".clas. or "714".clas.) and (topology or layout or map or image or graph) and (backup or recovery) and (updat\$5 with event) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/04 11:16
S69	383	@ay<"2001" and ("707".clas. or "709".clas. or "711".clas. or "714".clas.) and network and (topology or layout or map or image or graph) and (backup or recovery) and (updat\$5 with event) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/04 11:16
S70	376	@ay<"2001" and ("707".clas. or "709".clas. or "711".clas. or "714".clas.) and network and (memory or harddrive or "hard drive" or RAM or storage) and (topology or layout or map or image or graph) and (backup or recovery) and (updat\$5 with event) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/04 11:17
S71	40	@ay<"2001" and ("707".clas. or "709".clas. or "711".clas. or "714".clas.) and network and (memory or harddrive or "hard drive" or RAM or storage) and ((topology or layout or map or image or graph) with (backup or recovery)) and (updat\$5 with event) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/04 11:26

S72	1	@ay<"2001" and ("707".clas. or "709".clas. or "711".clas. or "714".clas.) and network and (memory or harddrive or "hard drive" or RAM or storage) and ("storage area network") and ((topology or layout or map or image or graph) with (backup or recovery)) and (updat\$5 with event) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/05 08:49
S73	1	@ay<"2001" and ("707".clas. or "709".clas. or "711".clas. or "714".clas.) and network and (memory or harddrive or "hard drive" or storage) and ("storage area network") and ((topology or layout or map or image or graph) with (backup or recovery)) and (updat\$5 with event) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/05 09:46
S74	1	@ay<"2001" and network and (memory or harddrive or "hard drive" or storage) and ("storage area network") and ((topology or layout or map or image or graph) with (backup or recovery)) and (updat\$5 with event) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/05 09:46
S75	72	@ay<"2001" and network and (memory or harddrive or "hard drive" or storage) and ((topology or layout or map or image or graph) with (backup or recovery)) and (updat\$5 with event) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/05 09:46
S76	40	@ay<"2001" and ("707".clas. or "709".clas. or "711".clas. or "714".clas.) and network and (memory or harddrive or "hard drive" or storage) and ((topology or layout or map or image or graph) with (backup or recovery)) and (updat\$5 with event) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/05 10:12



S77	8	@ay<"2001" and ("707".clas. or "709".clas. or "711".clas. or "714".clas.) and network and (memory or harddrive or "hard drive" or storage) and ((two or second) with (topology or layout or map or image or graph) with (backup or recovery)) and (updat\$5 with event) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/05 10:21
S78	14	@ay<"2001" and network and (memory or harddrive or "hard drive" or storage) and ((two or second) with (topology or layout or map or image or graph) with (backup or recovery)) and (updat\$5 with event) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/05 10:38
S79	0	@ay<"2001" and network and ("storage area network") and (memory or harddrive or "hard drive" or storage) and ((two or second) with (topology or layout or map or image or graph) with (backup or recovery)) and (updat\$5 with event) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/05 10:21
S80	15	@ay<"2001" and network and (memory or harddrive or "hard drive" or storage) and ((two or second or multiple or plurality) with (topology or layout or map or image or graph) with (backup or recovery)) and (updat\$5 with event) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/05 11:03
S81	70	@ay<"2001" and (network with (topology or hierarch\$7 or image or graph or map or layout) with (backup or recovery) with (server or database or device)) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/05 11:05

S82	0	@ay<"2001" and (network with (topology or hierarch\$7 or image or graph or map or layout) with (backup or recovery) with ((two or second or multiple or plurality) adj5 (server or database))) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/05 11:12
S83	2	@ay<"2001" and (network with (topology or hierarch\$7 or image or graph or map or layout) with (backup or recovery) with (two or second or multiple or plurality) with (server or database)) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/05 11:28
S84	15	@ay<"2001" and (network with (topology or hierarch\$7 or image or graph or map or layout) with (backup or recovery or mirror or copy or copies) with (two or second or multiple or plurality) with (server or database)) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/05 11:29
S85	16	@ay<"2001" and (network with (topology or hierarch\$7 or image or graph or map or layout) with (backup or recovery or mirror or copy or copies) with ((two or second or multiple or plurality) adj7 (device or server or database))) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/05 11:31
S86	5	@ay<"2001" and ("707".clas. or "709".clas. or "711".clas. or "714".clas.) and (network with (topology or hierarch\$7 or image or graph or map or layout) with (backup or recovery or mirror or copy or copies) with ((two or second or multiple or plurality) adj7 (device or server or database))) not (IBM or "international business machines").as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/05 11:34
S87	28	@ay<"2002" and ("storage area network" or SAN).ti. and (event with (second or (back adj up) or recover\$4))	US-PGPUB; USPAT	OR	ON	2005/09/27 21:09

S88	9	@ay<"2002" and ("storage area network" or SAN).ti. and (event with (second or (back adj up) or recover\$4)) and 709/223,224.ccls.	US-PGPUB; USPAT	OR	ON	2005/09/27 21:09
S89	9	@ay<"2002" and ("storage area network" or SAN).ti. and (event with (second or (back adj up) or recover\$4)) and (agent or daemon) and 709/223,224.ccls.	US-PGPUB; USPAT	OR	ON	2005/09/27 21:59
S90	1	"20030149763"	US-PGPUB; USPAT	OR	ON	2005/09/27 21:19
S91	2	"6606690".pn. "5909540".pn.	US-PGPUB; USPAT	OR	ON	2005/09/27 21:35
S92	60	@ay<"2001" and ("storage area network" or SAN) and (event with (second or (back adj up) or recover\$4)) and (agent or daemon) and 709/223,224.ccls.	US-PGPUB; USPAT	OR	ON	2005/09/27 21:59
S93	1	@ay<"2001" and ("storage area network" or SAN) and (event with (second or (back adj up) or recover\$4) with without) and (agent or daemon) and 709/223,224.ccls.	US-PGPUB; USPAT	OR	ON	2005/09/27 22:05
S94	0	@ay<"2001" and ("storage area network" or SAN) and (event with (second or (back adj up) or recover\$4) with without) and (agent or daemon) and "707,709,714". clas.	US-PGPUB; USPAT	OR	ON	2005/09/27 22:05
S95	5	@ay<"2001" and ("storage area network" or SAN) and (event with (second or (back adj up) or recover\$4) with without) and (agent or daemon) and ("707" or "709" or "714").clas.	US-PGPUB; USPAT	OR	ON	2005/09/27 22:09
S96	1891	714/4,7.ccls.	US-PGPUB; USPAT	OR	ON	2005/09/27 22:09
S97	1247	714/4,7.ccls. and @ay<"2001"	US-PGPUB; USPAT	OR	ON	2005/09/27 22:09
S98	709	714/4,7.ccls. and @ay<"2001" and (events)	US-PGPUB; USPAT	OR	ON	2005/09/27 22:10
S99	142	714/4,7.ccls. and @ay<"2001" and (events) and (SAN or (storage adj area adj network))	US-PGPUB; USPAT	OR	ON	2005/09/27 22:11
S100	119	714/4,7.ccls. and @ay<"2001" and (events) and (SAN or (storage adj area adj network)) and (first with second)	US-PGPUB; USPAT	OR	ON	2005/09/27 22:10

S101	131	714/4,7.ccls. and @ay<"2001" and (events) and (SAN or (storage adj area adj network)) and (updat\$4 or replac\$4 or recover\$6)	US-PGPUB; USPAT	OR	ON	2005/09/27 22:11
S102	13	714/4,7.ccls. and @ay<"2001" and (events) and (storage adj area adj network) and (updat\$4 or replac\$4 or recover\$6)	US-PGPUB; USPAT	OR	ON	2005/09/27 22:12
S103	5100	@ay<"2001" and (event with (recover\$3))	US-PGPUB; USPAT	OR	ON	2005/09/29 11:02
S104	0	@ay<"2001" and (event with (recover\$3)) and "707,709,714".clas.	US-PGPUB; USPAT	OR	ON	2005/09/29 11:03
S105	1176	@ay<"2001" and (event with (recover\$3)) and ("707" "709" "714").clas.	US-PGPUB; USPAT	OR	ON	2005/09/29 11:04
S106	80	@ay<"2001" and (((first or primary or main) and (second \$4 or another or other or (back adj up))) with event with (recover\$3)) and ("707" "709" "714").clas.	US-PGPUB; USPAT	OR	ON	2005/09/29 11:05
S107	0	@ay<"2001" and (((first or primary or main) and (second \$4 or another or other or (back adj up))) with event with (recover\$3)) and ("707" "709" "714").clas. and (storage adj area adj network)	US-PGPUB; USPAT	OR	ON	2005/09/29 11:06
S108	19	@ay<"2001" and (((first or primary or main) and (second \$4 or another or other or (back adj up))) with event with (recover\$3)) and ("707" "709" "714").clas. and ((compar\$4 or contrast\$4 or different\$7 or select\$4) with (representation or topology or layout or design or hierarch\$7))	US-PGPUB; USPAT	OR	ON	2005/09/29 12:14
S109	9	@ay<"2001" and (((first or primary or main) and (second \$4 or another or other or (back adj up))) with event with (recover\$3)) and ("707" "709" "714").clas. and ((resolv\$7 or correct\$4) with (corrupt\$4 or inconsist\$7 or consist\$7))	US-PGPUB; USPAT	OR	ON	2005/09/29 12:23
S110	8	@ay<"2001" and (((first or primary or main) and (second \$4 or another or other or (back adj up))) with event with (recover\$3)) and ((repair\$4 or resolv\$4 or correct\$4 or fix\$4) with (conflict\$4 or inconsist\$7 or corrupt))	US-PGPUB; USPAT	OR	ON	2005/09/29 12:24

S111	7	@ay<"2001" and (((first or primary or main) and (second \$4 or another or other or (back adj up))) with event with (recover\$3)) and ((repair\$4 or resolv\$4 or correct\$4 or fix\$4) with (conflict\$4 or inconsist\$7 or corrupt)) and network	US-PGPUB; USPAT	OR	ON	2005/09/29 13:09
S112	2484	@ay<"2001" and ((mirror\$4 or synchroniz\$4) with (recovery or (back adj up)))	US-PGPUB; USPAT	OR	ON	2005/09/29 13:10
S113	418	@ay<"2001" and ((mirror\$4 or synchroniz\$4) with (recovery or (back adj up))) and ("707" or "709" or "714").clas.	US-PGPUB; USPAT	OR	ON	2005/09/29 13:11
S114	309	@ay<"2001" and ((mirror\$4 or synchroniz\$4) with (recovery or (back adj up))) and ("707" or "709" or "714").clas. and ("events")	US-PGPUB; USPAT	OR	ON	2005/09/29 13:11
S115	52	@ay<"2001" and ((mirror\$4 or synchroniz\$4) with (recovery or (back adj up))) and ("707" or "709" or "714").clas. and ("events") and (agent or daemon)	US-PGPUB; USPAT	OR	ON	2005/09/29 13:12
S116	54	@ay<"2001" and ((mirror\$4 or synchroniz\$4) with (recovery or (back adj up))) and ("707" or "709" or "714").clas. and ("events") and (agent or daemon or probe)	US-PGPUB; USPAT	OR	ON	2005/09/29 13:12
S117	27	@ay<"2001" and ((mirror\$4 or synchroniz\$4) with (recovery or (back adj up))) and ("707" or "709" or "714").clas. and ("events") and (agent or daemon or probe) and (hierarch \$7 or topology)	US-PGPUB; USPAT	OR	ON	2005/09/29 13:12
S118	29	@ay<"2001" and ((mirror\$4 or synchroniz\$4) with (recovery or (back adj up))) and ("707" or "709" or "714").clas. and ("events") and (agent or daemon or probe) and (hierarch \$7 or topology or layout)	US-PGPUB; USPAT	OR	ON	2005/09/29 13:14
S119	27	@ay<"2001" and ((mirror\$4 or synchroniz\$4) with (recovery or (back adj up))) and ("707" or "709" or "714").clas. and ("events") and (agent or daemon or probe) and (hierarch \$7 or topology)	US-PGPUB; USPAT	OR	ON	2005/09/29 13:27
S120	1	"6434580".pn.	US-PGPUB; USPAT	OR	ON	2005/09/29 13:19

S121	0	@ay<"2001" and ((mirror\$4 or synchroniz\$4) with (other or another or second\$4) with (recovery or (back adj up))) and ("707" or "709" or "714"). clas. and ("events") and (agent or daemon or probe) and (hierarch\$7 or topology)	US-PGPUB; USPAT	OR	ON	2005/09/29 13:29
S122	23	@ay<"2001" and ((SAN or (storage adj area adj network)) with (compar\$4) with (image))	US-PGPUB; USPAT	OR	ON	2005/09/29 13:30
S123	3	@ay<"2001" and ((SAN or (storage adj area adj network)) with (compar\$4) with (image)) and network	US-PGPUB; USPAT	OR	ON	2005/09/29 13:31
S124	0	@ay<"2001" and ((SAN or (storage adj area adj network)) with (compar\$4) with (image)) and (storage adj area adj network)	US-PGPUB; USPAT	OR	ON	2005/09/29 13:31
S125	10	@ay<"2001" and ((SAN or (storage adj area adj network)) with (image)) and (storage adj area adj network)	US-PGPUB; USPAT	OR	ON	2005/09/29 13:33
S126	18	@ay<"2001" and ((SAN or (storage adj area adj network)) with (image or recovery)) and (storage adj area adj network)	US-PGPUB; USPAT	OR	ON	2005/09/29 13:33
S127	8	S126 not S125	US-PGPUB; USPAT	OR	ON	2005/09/29 13:44
S128	214169	@ay<"2001" and ((image or recovery or (back adj up)) with (synchroniz\$4 or compar\$4 or copy\$4 or mirror\$4) with (image or recovery or (back adj up)))	US-PGPUB; USPAT	OR	ON	2005/09/29 13:45
S129	21763	@ay<"2001" and ((image or recovery or (back adj up)) with (synchroniz\$4 or compar\$4 or copy\$4 or mirror\$4) with (image or recovery or (back adj up))) and network	US-PGPUB; USPAT	OR	ON	2005/09/29 13:46
S130	14773	@ay<"2001" and ((image or recovery or (back adj up)) with (synchroniz\$4 or copy\$4 or mirror\$4) with (image or recovery or (back adj up))) and network	US-PGPUB; USPAT	OR	ON	2005/09/29 13:46
S131	42	@ay<"2001" and ((image or recovery or (back adj up)) with (synchroniz\$4 or copy\$4 or mirror\$4) with (image or recovery or (back adj up))) and (storage adj area adj network)	US-PGPUB; USPAT	OR	ON	2005/09/29 13:58

S132	171	@ay<"2001" and ((image or recovery or (back adj up)) with (image or recovery or (back adj up))) and (storage adj area adj network)	US-PGPUB; USPAT	OR	ON	2005/09/29 13:58
S133	152	@ay<"2001" and ((image or recovery or (back adj up)) with (image or recovery or (back adj up))) and (storage adj area adj network) and ("events" or change)	US-PGPUB; USPAT	OR	ON	2005/09/29 13:58
S134	137	@ay<"2001" and ((image or recovery or (back adj up)) with (image or recovery or (back adj up))) and (storage adj area adj network) and ("events" or change) and (mirror or synchroniz\$7 or compar\$7 or detect\$7)	US-PGPUB; USPAT	OR	ON	2005/09/29 13:59
S135	70	@ay<"2001" and ((image or recovery or (back adj up)) with (image or recovery or (back adj up))) and (storage adj area adj network) and ("events" or change) and (mirror or synchroniz\$7)	US-PGPUB; USPAT	OR	ON	2005/09/29 13:59
S136	89	@ay<"2001" and ((image or recovery or (back adj up)) with (image or recovery or (back adj up))) and (storage adj area adj network) and ("events" or change) and (mirror\$4 or synchroniz\$7)	US-PGPUB; USPAT	OR	ON	2005/09/29 14:00
S137	64	@ay<"2001" and ((image or recovery or (back adj up)) with (image or recovery or (back adj up))) and (storage adj area adj network) and ("events") and (mirror\$4 or synchroniz\$7)	US-PGPUB; USPAT	OR	ON	2005/09/29 14:29
S138	39	@ay<"2001" and ((image or recovery or (back adj up)) with (copy\$4 or synchroniz\$7) with (image or recovery or (back adj up))) and (storage adj area adj network)	US-PGPUB; USPAT	OR	ON	2005/09/29 14:30
S139	33	@ay<"2001" and ((image or recovery or (back adj up)) with (copy\$4 or synchroniz\$7) with (image or recovery or (back adj up))) and (storage adj area adj network) and events	US-PGPUB; USPAT	OR	ON	2005/09/29 14:32

S140	33	@ay<"2001" and ((image or recovery or (back adj up)) with (copy\$4 or synchroniz\$7) with (image or recovery or (back adj up))) and (storage adj area adj network) and "events"	US-PGPUB; USPAT	OR	ON	2005/09/29 14:34
S141	14	@ay<"2001" and ((image or recovery or (back adj up)) with (copy\$4 or synchroniz\$7) with (image or recovery or (back adj up))) and (storage adj area adj network) and "events" and "714".clas.	US-PGPUB; USPAT	OR	ON	2005/09/29 15:27
S142	1	"5504861".pn.	US-PGPUB; USPAT	OR	ON	2007/01/22 03:04
S143	312	@ay<"2001" and (((back adj up) or recovery) with (topology or image)) and server	US-PGPUB; USPAT	OR	ON	2006/04/16 18:55
S144	19	@ay<"2001" and (((back adj up) or recovery) with (topology or image) with (second or two)) and server	US-PGPUB; USPAT	OR	ON	2006/04/16 18:57
S145	1	@ay<"2001" and (((back adj up) or recovery) with (topology or image) with (second or two)) and "709".clas.	US-PGPUB; USPAT	OR	ON	2006/04/16 18:57
S146	7	@ay<"2001" and (((back adj up) or recovery) with (topology or image) with (second or two)) and ("707" or "709").clas.	US-PGPUB; USPAT	OR	ON	2006/04/16 18:59
S147	1	"4958273".pn.	US-PGPUB; USPAT	OR	ON	2006/04/16 19:00
S148	1	"5051887".pn.	US-PGPUB; USPAT	OR	ON	2007/04/23 21:41
S149	1	"20020049834"	US-PGPUB; USPAT	OR	ON	2006/11/07 22:22
S150	0	@ay<"2001" and 709/223-225.ccls. and (mirror with (back adj up) with (server or database)) and (topology)	US-PGPUB; USPAT	OR	ON	2007/01/22 01:32
S151	1	@ay<"2001" and (mirror with (back adj up) with (server or database)) and (topology)	US-PGPUB; USPAT	OR	ON	2007/01/22 01:33
S152	0	@ay<"2001" and (mirror with (back adj up) with (topology))	US-PGPUB; USPAT	OR	ON	2007/01/22 01:33
S153	1	@ay<"2001" and (mirror with (back adj up) with (topology or hierarch\$7))	US-PGPUB; USPAT	OR	ON	2007/01/22 01:48
S154	1	@ay<"2001" and ((back adj up) with data with topology)	US-PGPUB; USPAT	OR	ON	2007/01/22 01:48
S155	4	@ay<"2001" and ((back adj up) with topology) and ("707" or "709").clas.	US-PGPUB; USPAT	OR	ON	2007/01/22 01:53



S156	164	@ay<"2001" and (recovery with topology)	US-PGPUB; USPAT	OR	ON	2007/01/22 01:53
S157	183	@ay<"2001" and ((recovery or (back adj up) or (fail adj safe)) with topology)	US-PGPUB; USPAT	OR	ON	2007/01/22 01:54
S158	43	@ay<"2001" and ((recovery or (back adj up) or (fail adj safe)) with topology with (file or data or information))	US-PGPUB; USPAT	OR	ON	2007/01/22 01:54
S159	34	@ay<"2001" and ((recovery or (back adj up) or (fail adj safe)) with network with topology with (file or data or information))	US-PGPUB; USPAT	OR	ON	2007/01/22 01:54
S160	1	"6546390".pn.	US-PGPUB; USPAT	OR	ON	2007/01/22 03:05
S161	1	"6393464".pn.	US-PGPUB; USPAT	OR	ON	2007/01/22 03:05
S162	1	"6999459".pn.	US-PGPUB; USPAT	OR	ON	2007/07/06 18:10
S163	11	@ay<"2001" and ((disregard\$3 or ignor\$3) with event with (false or error\$5)) and "709". clas.	US-PGPUB; USPAT	OR	ON	2007/07/06 18:10
S164	1	@ay<"2001" and ((disregard\$3 or ignor\$3) with event with (false or error\$5)) and "709". clas. and topology	US-PGPUB; USPAT	OR	ON	2007/07/06 18:12
S165	3	@ay<"2001" and ((disregard\$3 or ignor\$3) with event with (false or error\$5)) and "709". clas. and (topol\$5 or hierarch \$6)	US-PGPUB; USPAT	OR	ON	2007/07/06 18:13
S166	6	@ay<"2001" and ((disregard\$3 or ignor\$3) with event with (false or error\$5)) and "709". clas. and (image or recovery or (back adj up))	US-PGPUB; USPAT	OR	ON	2007/07/06 18:19
S167	88	@ay<"2001" and ((disregard\$3 or ignor\$3) with event) and "709".clas. and (image or recovery or (back adj up))	US-PGPUB; USPAT	OR	ON	2007/07/06 18:19
S168	0	@ay<"2001" and ((disregard\$3 or ignor\$3) with event) and "709".clas. and (recovery or (back adj up)).ti.	US-PGPUB; USPAT	OR	ON	2007/07/06 18:20
S169	42	@ay<"2001" and ((disregard\$3 or ignor\$3) with event) and "709".clas. and (recovery or (back adj up))	US-PGPUB; USPAT	OR	ON	2007/07/06 18:20

S170	24	@ay<"2001" and ((disregard\$3 or ignor\$3) with event) and "709".clas. and (recovery or (back adj up)) and (topo\$7 or hierarch\$7)	US-PGPUB; USPAT	OR	ON	2007/07/06 18:58
S171	23	S170 not S166	US-PGPUB; USPAT	OR	ON	2007/07/06 18:20
S172	6	@ay<"2001" and ((disregard\$3 or ignor\$3) with event) and (recovery or (back adj up)) and (topo\$7 or hierarch\$7).ti.	US-PGPUB; USPAT	OR	ON	2007/07/06 18:28
S173	2	@ay<"2001" and ((disregard\$3 or ignor\$3) with event) and (recovery or (back adj up)).ti. and (topo\$7 or hierarch\$7)	US-PGPUB; USPAT	OR	ON	2007/07/06 18:28
S174	0	@ay<"2001" and (filter\$3 with event) and "709".clas. and (recovery or (back adj up)).ti. and (topo\$7 or hierarch\$7)	US-PGPUB; USPAT	OR	ON	2007/07/06 19:06
S175	84	@ay<"2001" and (filter\$3 with event) and "709".clas. and (recovery or (back adj up)) and (topo\$7 or hierarch\$7)	US-PGPUB; USPAT	OR	ON	2007/07/06 19:06
S176	45	@ay<"2001" and (filter\$3 with event) and "709/223,224".ccls. and (recovery or (back adj up)) and (topo\$7 or hierarch\$7)	US-PGPUB; USPAT	OR	ON	2007/07/06 19:08
S177	6	@ay<"2001" and (filter\$3 with event) and "709/223,224".ccls. and ((recovery or (back adj up)) with (topo\$7 or hierarch \$7))	US-PGPUB; USPAT	OR	ON	2007/07/06 20:49
S178	7	@ay<"2001" and (filter\$3 with event) and "709".clas. and ((recovery or (back adj up)) with (topo\$7 or hierarch\$7))	US-PGPUB; USPAT	OR	ON	2007/07/06 21:04
S179	9	@ay<"2001" and (filter\$3 with event) and ((recovery or (back adj up)) with (topo\$7 or hierarch\$7))	US-PGPUB; USPAT	OR	ON	2007/07/06 21:24
S180	345	@ay<"2001" and (filter\$3 with event) and ((recovery or (back adj up)) and (topo\$7 or hierarch \$7))	US-PGPUB; USPAT	OR	ON	2007/07/06 21:25
S181	45	@ay<"2001" and (filter\$3 with event) and ((recovery or (back adj up)) and (topo\$7 or hierarch \$7)) and 709/223,224.ccls.	US-PGPUB; USPAT	OR	ON	2007/07/06 21:29
S182	3	@ay<"2001" and ((filter\$3 with event) with (ignor\$3 or fail\$3 or stop\$3 or disregard\$3) with (synchro\$7))	US-PGPUB; USPAT	OR	ON	2007/07/06 21:31

S183	48	@ay<"2001" and ((back adj up or recovery).ti. and (synchroni \$7 with event)	US-PGPUB; USPAT	OR	ON	2007/07/06 21:32
S184	6	@ay<"2001" and ((back adj up or recovery).ti. and (synchroni \$7 with event) and ((ignor\$3 or filter\$3 or false) with event)	US-PGPUB; USPAT	OR	ON	2007/07/06 21:33
S185	19478	@ay<"2002" and ((topology or hierarch\$6) with (device or apparatus or node))	US-PGPUB; USPAT	OR	ON	2008/04/11 12:07
S186	3643	@ay<"2002" and ((stor\$3) with (topology or hierarch\$6) with (device or apparatus or node))	US-PGPUB; USPAT	OR	ON	2008/04/11 12:08
S187	353	@ay<"2002" and ((stor\$3) with (representation or image or iso) with (topology or hierarch\$6) with (device or apparatus or node))	US-PGPUB; USPAT	OR	ON	2008/04/11 12:08
S188	113	@ay<"2002" and ((stor\$3) with (representation or image or iso) with (topology or hierarch\$6) with (device or apparatus or node)) and ("707" or "709"). clas.	US-PGPUB; USPAT	OR	ON	2008/04/11 12:10
S189	67	@ay<"2002" and ((stor\$3) with (representation) with (topology or hierarch\$6) with (device or apparatus or node)) and ("707" or "709").clas.	US-PGPUB; USPAT	OR	ON	2008/04/11 15:42
S190	8	@ay<"2002" and ((stor\$3) with (representation) with (topolog \$7 or hierarch\$6) with (device or apparatus or node or component)) and ("707" or "709").clas. and ((compar\$3 or contrast\$3 or match\$3) with (topolg\$7 or hierarch\$6))	US-PGPUB; USPAT	OR	ON	2008/04/11 15:52
S191	0	@ay<"2002" and ((stor\$3) with (representation) with (topolog \$7) with (device or apparatus or node or component)) and ("707" or "709").clas. and ((compar\$3 or contrast\$3 or match\$3) with (topolg\$7 or hierarch\$6))	US-PGPUB; USPAT	OR	ON	2008/04/11 16:53
S192	0	@ay<"2002" and ((stor\$3) with (topolog\$7) with (device or apparatus or node or component)) and ("707" or "709").clas. and ((compar\$3 or contrast\$3 or match\$3) with (topolg\$7))	US-PGPUB; USPAT	OR	ON	2008/04/11 16:56

S193	0	@ay<"2002" and ((stor\$3) with (topolog\$7) with (device or apparatus or node or component)) and ((compar\$3 or contrast\$3 or match\$3) with (topolg\$7))	US-PGPUB; USPAT	OR	ON	2008/04/11 16:56
S194	373	@ay<"2002" and ((stor\$3) with (topolog\$7 or layout) with (device or apparatus or node or component)) and ((compar\$3 or contrast\$3 or match\$3) with (topolg\$7 or layout))	US-PGPUB; USPAT	OR	ON	2008/04/11 17:02
S195	24	@ay<"2002" and ((stor\$3) with (representation) with (topolog\$7 or hierarch\$6) with (device or apparatus or node or component)) and ((compar\$3 or contrast\$3 or match\$3) with (topolg\$7 or hierarch\$6))	US-PGPUB; USPAT	OR	ON	2008/04/11 17:02
S196	16	S195 not S190	US-PGPUB; USPAT	OR	ON	2008/04/11 17:03
S197	147	@ay<"2002" and ((representation) with (topolog\$7 or hierarch\$6) with (device or apparatus or node or component)) and ((compar\$3 or contrast\$3 or match\$3) with (topolg\$7 or hierarch\$6))	US-PGPUB; USPAT	OR	ON	2008/04/11 17:10
S198	39	@ay<"2002" and ((representation) with (topolog\$7 or hierarch\$6) with (device or apparatus or node or component)) and ((compar\$3 or contrast\$3 or match\$3) with (topolg\$7 or hierarch\$6)) and ("707" or "709").clas.	US-PGPUB; USPAT	OR	ON	2008/04/11 17:11
S199	108	709/223,224,225.ccls. and ((hierarch\$6 or topol\$7) with (device or node or apparatus or component)) and ((compar\$3 or contrast\$3 or match\$3) with (topolg\$7 or hierarch\$6))	US-PGPUB; USPAT	OR	ON	2008/04/11 19:44
S200	51	@ay<"2002" and 709/223,224,225.ccls. and ((hierarch\$6 or topol\$7) with (device or node or apparatus or component)) and ((compar\$3 or contrast\$3 or match\$3) with (topolg\$7 or hierarch\$6))	US-PGPUB; USPAT	OR	ON	2008/04/11 19:44
S201	51	@ay<"2002" and 709/223,224,225.ccls. and ((hierarch\$6 or topol\$7) with (device or node or apparatus or component)) and ((compar\$3 or contrast\$3 or match\$3) with (topolg\$7 or hierarch\$6))	US-PGPUB; USPAT	OR	ON	2008/04/11 19:45

S202	23	@ay<"2002" and 709/223,224,225.ccls. and ((stor\$3 or sav\$3 or represent\$5 or instance) with (hierarch\$6 or topol\$7) with (device or node or apparatus or component)) and ((compar\$3 or contrast\$3 or match\$3) with (topolg\$7 or hierarch\$6))	US-PGPUB; USPAT	OR	ON	2008/04/11 19:46
S203	2	@ay<"2002" and 709/223,224,225.ccls. and ((compar\$3 or contrast\$3 or match\$3 or recovery or backup) with (representation) with (topolg\$7 or hierarch\$6))	US-PGPUB; USPAT	OR	ON	2008/04/11 21:54
S204	119	@ay<"2002" and 709/223,224,225.ccls. and ((compar\$3 or contrast\$3 or match\$3 or recovery or backup) with (topolg\$7 or hierarch\$6))	US-PGPUB; USPAT	OR	ON	2008/04/11 21:54
S205	68	@ay<"2001" and 709/223,224,225.ccls. and ((compar\$3 or contrast\$3 or match\$3 or recovery or backup) with (topolg\$7 or hierarch\$6))	US-PGPUB; USPAT	OR	ON	2008/04/11 21:54
S206	56	@ay<"2001" and 709/223,224,225.ccls. and ((compar\$3 or match\$3 or recovery or backup) with (topolg\$7 or hierarch\$6))	US-PGPUB; USPAT	OR	ON	2008/04/11 21:54
S207	0	@ay<"2001" and 709/223,224,225.ccls. and ((compar\$3 or match\$3) with (recovery or backup) with (topolg\$7 or hierarch\$6))	US-PGPUB; USPAT	OR	ON	2008/04/11 21:55
S208	0	@ay<"2002" and 709/223,224,225.ccls. and ((compar\$3 or match\$3) with (recovery or backup) with (topolg\$7 or hierarch\$6))	US-PGPUB; USPAT	OR	ON	2008/04/11 21:55
S209	0	@ay<"2002" and 709/223,224,225.ccls. and ((compar\$5 or match\$3 or copy\$3 or check\$3) with (recovery or backup) with (topolg\$7 or hierarch\$6))	US-PGPUB; USPAT	OR	ON	2008/04/11 21:55
S210	0	@ay<"2002" and 709/223,224,225.ccls. and ((compar\$5 or match\$3 or copy\$3 or check\$3 analy\$5 or audit\$3 or review\$3 or verif\$5) with (recovery or backup) with (topolg\$7 or hierarch\$6))	US-PGPUB; USPAT	OR	ON	2008/04/11 21:58

S211	13	@ay<"2002" and ("707" or "709").clas. and ((compar\$5 or match\$3 or copy\$3 or check\$3 analy\$5 or audit\$3 or review\$3 or verif\$5) with (recovery or backup) with (topolg\$7 or hierarch\$6))	US-PGPUB; USPAT	OR	ON	2008/04/11 21:59
S212	1	"6999459".pn.	US-PGPUB; USPAT	OR	ON	2008/04/11 22:19
S213	0	@ay<"2001" and 709/223,224,225.ccls. and ((compar\$3 or match\$3 or recovery or backup) with (topolg\$7))	US-PGPUB; USPAT	OR	ON	2008/04/11 22:22
S214	0	@ay<"2002" and 709/223,224,225.ccls. and ((compar\$3 or contrast\$3 or match\$3 or recovery or backup) with (topolg\$7))	US-PGPUB; USPAT	OR	ON	2008/04/11 22:22
S215	0	@ay<"2002" and "709".clas. and ((compar\$3 or contrast\$3 or match\$3 or recovery or backup) with (topolg\$7))	US-PGPUB; USPAT	OR	ON	2008/04/11 22:22
S216	0	@ay<"2002" and ((compar\$3 or contrast\$3 or match\$3 or recovery or backup) with (topolg\$7) with network)	US-PGPUB; USPAT	OR	ON	2008/04/11 22:22
S217	0	@ay<"2002" and ((compar\$3 or contrast\$3 or match\$3 or recovery or backup) with (topolg\$7))	US-PGPUB; USPAT	OR	ON	2008/04/11 22:23
S218	5	((compar\$3 or contrast\$3 or match\$3 or recovery or backup) with (topolg\$7))	US-PGPUB; USPAT	OR	ON	2008/04/11 22:23
S219	60	@ay<"2001" and 709/223,224,225.ccls. and ((compar\$3 or match\$3 or recovery or backup) with (topolog\$7))	US-PGPUB; USPAT	OR	ON	2008/04/11 22:24
S220	33	@ay<"2001" and 709/223,224,225.ccls. and ((compar\$3 or match\$3 or recovery or backup) with (topolog\$7) with network)	US-PGPUB; USPAT	OR	ON	2008/04/11 22:24
S221	25	@ay<"2002" and ("707" or "709").clas. and ((compar\$5 or match\$3 or copy\$3 or check\$3 analy\$5 or audit\$3 or review\$3 or verif\$5) with (recovery or backup) with (topolog\$7))	US-PGPUB; USPAT	OR	ON	2008/04/11 22:24
S222	1	"5684796".PN.	USPAT; USOCR	OR	ON	2008/04/11 22:29
S223	1	"5778185".PN.	USPAT; USOCR	OR	ON	2008/04/11 22:30

S224	1	"6044442".PN.	USPAT; USOCR	OR	ON	2008/04/11 22:32
S225	1	"6111858".PN.	USPAT; USOCR	OR	ON	2008/04/11 22:32
S226	1	"6118791".PN.	USPAT; USOCR	OR	ON	2008/04/11 22:34
S227	1	"6343324".PN.	USPAT; USOCR	OR	ON	2008/04/11 22:34
S228	1	"6640278".PN.	USPAT; USOCR	OR	ON	2008/04/11 22:34
S229	1	"6671820".PN.	USPAT; USOCR	OR	ON	2008/04/11 22:36
S230	1	"6697924".PN.	USPAT; USOCR	OR	ON	2008/04/11 22:36
S231	1	"20030236945".PN.	US-PGPUB	OR	ON	2008/04/11 22:37
S232	1	"20040078599".PN.	US-PGPUB	OR	ON	2008/04/11 22:38
S233	1	"6697924".pn.	US-PGPUB; USPAT	OR	ON	2008/04/11 22:39
S234	1	"5363487".PN.	USPAT; USOCR	OR	ON	2008/04/11 22:42
S235	1	"5430845".PN.	USPAT; USOCR	OR	ON	2008/04/11 22:43
S236	1	"5822614".PN.	USPAT; USOCR	OR	ON	2008/04/11 22:43
S237	1	"5867730".PN.	USPAT; USOCR	OR	ON	2008/04/11 22:43
S238	1	"5805785".pn.	US-PGPUB; USPAT	OR	ON	2008/04/11 22:50
S239	1	"5016243".PN.	USPAT; USOCR	OR	ON	2008/04/11 22:56
S240	1	"5253248".PN.	USPAT; USOCR	OR	ON	2008/04/11 22:56
S241	1	"6996611".pn.	US-PGPUB; USPAT	OR	ON	2008/04/11 22:56
S242	1	"5586254".PN.	USPAT; USOCR	OR	ON	2008/04/11 22:57
S243	1	"5796951".PN.	USPAT; USOCR	OR	ON	2008/04/11 22:58
S244	1	"5910803".PN.	USPAT; USOCR	OR	ON	2008/04/11 23:07
S245	1	"6041349".PN.	USPAT; USOCR	OR	ON	2008/04/11 23:11
S246	1	@ay<"2002" and ("707" or "709").clas. and ((compar\$5 or match\$3 or copy\$3 or check\$3 analy\$5 or audit\$3 or review\$3 or verif\$5) with (recovery or backup) with (map or atlas) with network)	US-PGPUB; USPAT	OR	ON	2008/04/11 23:14

S247	34	@ay<"2002" and ("707" or "709").clas. and ((compar\$5 or match\$3 or copy\$3 or check\$3 analy\$5 or audit\$3 or review\$3 or verif\$5) with (recovery or backup) with (map or atlas))	US-PGPUB; USPAT	OR	ON	2008/04/11 23:14
S248	34	@ay<"2002" and ("707" or "709").clas. and ((compar\$5 or match\$3 or copy\$3 or check\$3 analy\$5 or audit\$3 or review\$3 or verif\$5) with (recovery or backup) with (map or atlas))	US-PGPUB; USPAT	OR	ON	2008/04/11 23:15
S249	1	"6046742".PN.	USPAT; USOCR	OR	ON	2008/04/11 23:25
S250	1	"6049827".PN.	USPAT; USOCR	OR	ON	2008/04/11 23:25
S251	1	"6076106".PN.	USPAT; USOCR	OR	ON	2008/04/11 23:25
S252	1	"6347336".PN.	USPAT; USOCR	OR	ON	2008/04/11 23:26
S253	1	"6374293".PN.	USPAT; USOCR	OR	ON	2008/04/11 23:31
S254	115	@ay<"2002" and ("707" or "709").clas. and ((compar\$5 or match\$3 or copy\$3 or check\$3 analy\$5 or audit\$3 or review\$3 or verif\$5) with (recovery or backup or past or previous\$2) with (map or atlas))	US-PGPUB; USPAT	OR	ON	2008/04/11 23:32
S255	81	S254 not S248	US-PGPUB; USPAT	OR	ON	2008/04/11 23:33
S256	60	(S254 not S248) not (bit adj map)	US-PGPUB; USPAT	OR	ON	2008/04/11 23:34
S257	1	"5805785".pn.	USPAT; USOCR	OR	ON	2008/04/13 17:36
S258	57	709/223,224,225.ccls. and ((stor\$3 or sav\$3 or represent\$5 or instance) with (hierarch\$6 or topol\$7) with (device or node or apparatus or component)) and ((compar\$3 or contrast\$3 or match\$3) with (topolg\$7 or hierarch\$6))	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2008/10/01 03:00
S260	0	709/223,224,225.ccls. and ((compar\$3 or match\$3 or recovery or backup) with (topolg\$7))	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2008/10/01 03:00
S261	82	709/223,224,225.ccls. and ((compar\$3 or match\$3 or recovery or backup) with (topolog\$7) with network)	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2008/10/01 03:00



S262	4	709/223,224,225.ccls. and ((compar\$5 or match\$3 or copy \$3 or check\$3) with (recovery or backup) with (topolg\$7 or hierarch\$6))	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2008/10/01 03:00
S263	0	@ay<"2002" and 709/223,224,225.ccls. and ((compar\$5 or match\$3 or copy \$3 or check\$3 analy\$5 or audit \$3 or review\$3 or verif\$5) with (recovery or backup) with (topolg\$7 or hierarch\$6))	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2008/10/01 03:00
S264	0	((first near2 manager) with (second near2 manager) with (topolog\$5) with (event near2 (notice or notification))).clm.	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2008/10/01 03:19

10/ 1/ 08 5:16:18 AM

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